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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/852,797

DATE: 05/31/2001

TIME: 15:16:17

Input Set : A:\PZ003p2seqlist05112001.txt
 Output Set: C:\CRF3\05312001\I852797.raw

2 <110> APPLICANT: Rosen et al.
 4 <120> TITLE OF INVENTION: 28 Human Secreted Proteins
 6 <130> FILE REFERENCE: PZ003P2
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/852,797
 9 <141> CURRENT FILING DATE: 2001-05-11
 11 <150> PRIOR APPLICATION NUMBER: 60/265,583
 12 <151> PRIOR FILING DATE: 2001-02-02
 14 <150> PRIOR APPLICATION NUMBER: 09/152,060
 15 <151> PRIOR FILING DATE: 1998-09-11
 17 <150> PRIOR APPLICATION NUMBER: PCT/US98/04858
 18 <151> PRIOR FILING DATE: 1998-03-12
 20 <150> PRIOR APPLICATION NUMBER: 60/040,762
 21 <151> PRIOR FILING DATE: 1997-03-14
 23 <150> PRIOR APPLICATION NUMBER: 60/040,710
 24 <151> PRIOR FILING DATE: 1997-03-14
 26 <150> PRIOR APPLICATION NUMBER: 60/050,934
 27 <151> PRIOR FILING DATE: 1997-05-30
 29 <150> PRIOR APPLICATION NUMBER: 60/048,100
 30 <151> PRIOR FILING DATE: 1997-05-30
 32 <150> PRIOR APPLICATION NUMBER: 60/048,357
 33 <151> PRIOR FILING DATE: 1997-05-30
 35 <150> PRIOR APPLICATION NUMBER: 60/048,189
 36 <151> PRIOR FILING DATE: 1997-05-30
 38 <150> PRIOR APPLICATION NUMBER: 60/057,765
 39 <151> PRIOR FILING DATE: 1997-09-05
 41 <150> PRIOR APPLICATION NUMBER: 60/048,970
 42 <151> PRIOR FILING DATE: 1997-06-06
 44 <150> PRIOR APPLICATION NUMBER: 60/068,368
 45 <151> PRIOR FILING DATE: 1997-12-19
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 54 <211> LENGTH: 733
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Homo sapiens
 58 <400> SEQUENCE: 1
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 61 tctcccgacat tcctgaggc acatgcgtgg tggggacgt aagccacgaa gaccctgagg 180
 62 tcaagttcaa ctggtaacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
 63 aggaggcgtta caacagcactg taccgtgtgg tcagcgtctt caccgtcctg caccaggact 300
 64 ggctgaatgg caaggaggatc aagtgcacgg tctccaacaa agccctccca acccccatcg 360
 65 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acagggtgtac accctgcccc 420
 66 catcccgaaa tgagctgacc aagaaccagg tcagcctgac ctgcctggc aaaggcttct 480
 67 atccaaagcga catcgccgtg gagtgggaga gcaatggca gccggagaac aactacaaga 540
 68 ccacgcctcc cgtgctggac tccgacggct ccttcttcctt ctacagcaag ctcaccgtgg 600
 69 acaagagcagc gttggcagcag gggaaacgtct tctcatgctc cgtgatgcat gaggctctgc 660

ENTERED

See p.5

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Input Set : A:\PZ003p2seqlist05112001.txt
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 81 <222> LOCATION: (3)
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 95 cccgaaatat ctgcatttc aattag 86
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 115 gcccctaact ccggccagtt ccggccatcc tccggccat ggctgactaa ttttttttat 180
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RAW SEQUENCE LISTING

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Input Set : A:\PZ003p2seqlist05112001.txt

Output Set: C:\CRF3\05312001\I852797.raw

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 158 <211> LENGTH: 256
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 160 <213> ORGANISM: Homo sapiens
 162 <400> SEQUENCE: 10
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 164 caattatgtca gcaaccatag tcccgccct aactccgccc atcccgcccc taactccgccc 120
 165 cagttccgccc cattctccgc cccatggctg actaattttt ttatattatg cagaggccga 180
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 175 <220> FEATURE:
 176 <221> NAME/KEY: SITE
 177 <222> LOCATION: (839) /
 178 <223> OTHER INFORMATION: n equals a,t,g, or c
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 183 agccaagcag acagctgcgg gtgcccagc cttgtctggg cctgcgcgtg aggagtccca 180
 184 ctgttctaa aggaagtctt gggcaggagg tggcttggt gttgggtcc aaagttgaaa 240
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 186 tgggttattt gtccagtcta agaagtccca ttgccaaagc ttctgcagg aggtgaaatg 360
 187 ccgcagcttgc ctagccctgt ggttcttgc ttgaaatggc agttccctt caaagtaccc 420
 188 aaagtagcct tggcttgagt ttttgcctt gcctccttt tagagaagag ggcatttaga 480
 189 ctgcattttc ctgtttaaag aaggtaaag caaatgttta ttgcctttc tagtgaacta 540
 190 actcgttagag atgttctcag caggaagaca gtcttagcac tgcactttag cagattgcac 600
 191 ttaagtccct tggctggcc agatggcgtg gctgggttgc ttaatatgtc ccaggacccc 660
 192 tgacagggtc gcctggcctc tccctcgac tcctcaagag cccagtccat acactgtgga 720
 193 tgcattgtc gtgggttag gaagtctgt cctagaacgc cctggctgtt atgaccacag 780
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 195 aggccgagga tggggccca gcactgtcca ggctgtgg ggctggctg ggagtctgt 900
 196 gggcagcatg gaacatgcag ctggcctcc tgcgtaccagg caccctctgg cactgttgc 960
 197 tggccctgtgc cctggacctt ttccctgcct tctcccttctt ctgcctccctt gggctaccc 1020
 198 cttggccctt cctggctgt gcaaaactccc tcagggagcc cccctgcctt gtagctctcr 1080

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Input Set : A:\PZ003p2seqlist05112001.txt
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201	ctcaatccct	gaccgttcca	ggcactgagc	tgggcaccca	cggaaggaca	tgtctgtccag	1260
202	actgtatgta	ctgcccac	agggcacatc	gggcttggct	ggtctgcag	gccttgc	1320
203	tgtggactc	tgggttctg	ttttctcagt	ctttttgcg	gctttctgt	ggttggcagc	1380
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206	ccaccatcag	gaccctgtct	ttgggtttag	aagaccaagt	atggggaaaa	ccaggcacca	1560
207	gcctctgcag	caatgggtcc	ctctagctg	tggacacccag	ctgggggatc	cagggtcagg	1620
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210	ttacatgtac	agaactttgt	ctacagcaca	aattaagtta	tataaacaca	gtgactggta	1800
211	ttaatgctg	atctactata	agttattcta	tatttatatg	acttcagaga	cgcgtatgt	1860
212	ataaaggacg	ccctccctcc	agtgtccaca	tccagttcac	cccagagggt	cggcaggtt	1920
213	gacatattta	ttttgtcta	ttctgttaggc	ttccatgtcc	agaatcctgc	ttaagg	1980
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226	tcgtcttcaa	ggccaagcac	gtggagactg	gcgagatgt	tgcctcaag	aaggtggccc	180
227	taaggcgg	ggaagacggc	ttcccttaacc	aggccctgc	ggagattaag	gctctgcagg	240
228	aratggagga	caatcgtat	gtggtacaa	tgaaggctgt	gttcccacac	ggtggaggct	300
229	ttgtgctgg	ctttaggttc	atgtgtcgg	atctggccg	ggtgtgcgc	catgcccaga	360
230	ggccactagc	ccaggcacag	gtcaagagct	acctgcagat	gctgctcaag	ggtgtgc	420
231	tctgccatgc	caacaacatt	gtacatcgg	acctgaaacc	tgcacactg	ctcatcagcg	480
232	cctcaggcca	gctcaagata	gcggacttt	gcctggctcg	agtctttcc	ccagacggca	540
233	gccgcctcta	cacacaccag	gtggccacca	ggagctact	gagctgccg	actacaacaa	600
234	gatctcctt	aaggagcagg	tgcccatg	cctggaggak	gtgctgc	acgtctctcc	660
235	ccaggcatg	gatgtgtgg	gtcaattct	tcttaccct	cctcacc	gcatcgc	720
236	ttcaaggct	ctccatccatc	agtacttctt	cacagctccc	ctgcctgccc	atccatctga	780
237	gctgccatt	cctcagcgtc	taggggacc	tgcccccaag	gcccattcc	ggccccccca	840
238	catccatgac	ttccacgtgg	accggctct	tgaggartcg	ctgttgaacc	cararctgat	900
239	tcggcccttc	atccgtggarg	gttgagaagt	tggccctgg	ccgtctg	tgctc	960
240	gaccactcag	tccacctgtt	cctctgcac	ctgcctgg	tcaccctca	aggcctcccc	1020
241	atggccacag	tggcc	ccacaccctg	cccttagcc	cttgc	agg	1080
242	rgcagargtc	atgtcccag	ccaagagat	gagaacatcc	agtcgagc	aggagattca	1140
243	tggcctgtsc	tcggtgagcc	ttaccttctg	tgtgtctc	atcactg	actcat	1200
244	aagtggagga	gacagaagtc	tagscccagg	gatggctcc	gttgggatc	cagcaggaga	1260
245	ccctctgcac	atgaggctgg	ttmccaaca	tctactcc	caggatg	gtgagccaga	1320
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247	ccaatataat	cccaagctgt	gtttttcc	tattataatt	tgataaggt	attataaaag	1440
248	atacatggaa	ggaagtggaa	ccagatgc	aagagaaat	gatggaa	aggcttatgg	1500
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261	aattgcaggg	cagcctgcac	tgatcttct	cacttactcc	tctcccatc	agaatcaac	180	
262	cagactaagg	agttttgatc	ccttagtgatt	acagccctga	agaaaattaa	atctgaatta	240	
263	attttacatg	gccttcgtga	tctttctgt	gttcttactt	tttgcataatgt	agttgggggg	300	
264	tgggagggac	aggttatggt	atttaaagag	aataaacatt	ttgcacatac	atgtattgt	360	
265	caacagtaag	atcctctgtt	aaaaccagct	gtcctgttct	ccatctccat	ttcttccat	420	
266	gctgttaacc	caggtccac	cagctgttcc	ccagtgatgt	tacctagctt	ccctctaccg	480	
267	ttgtctactg	accatttcca	ctacatgcct	ttccttacctt	cccttcacaa	ccaatcaagt	540	
268	gaatacttga	tttattatctc	ttccttactg	tgctttatct	tttttgtt	gattgggtct	600	
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	286	taagagctgt	ggtgagacct	tcaactccat	caccaagagg	aggcatcact	gcaagctgt	180
	287	tggggcggc	atctgtggg	agtgtccga	gttcaaggcc	gagaacagcc	ggcagagcct	240
	288	gtctgcagag	attgtttcct	gacacagcca	gtggccctg	agagcacaga	gaagacaccc	300
	289	actgcagacc	cccagccag	cctgctctgc	ggcccccctgc	ggctgttyaga	gagcgttgag	360
	290	acctggagcg	agggtgtggc	cgccatcccc	atgtcagatc	cccaggtgct	gcacctgcag	420
	291	gkaggcagcc	aggacggccg	gctgccccgc	accatccctc	tccccagctg	caaactgag	480
	292	gtgccggacc	ctgaggagag	gtctggactcg	ggccatgtgt	ggaagctgca	gtggccaag	540
	293	cagtccctgt	acctgagcgc	ctccctccgca	gagctgcagc	agcagtggct	gaaacccta	600
	294	agcaactgt	cccatggg	cacggccag	gacagcccg	ggccctgca	gttcagg	660
	295	cctatggcg	cagtctccg	tgagctgagt	ctcccactgc	cctgcacacc	accacattgg	720
	296	acctgtgctg	tcctgggagg	tggtgttga	ggcccccatt	agagcgcct	ggacttgctt	780
	297	gagggtgggc	caacagccca	gagytca	catttgcatt	tgggggaag	gaaaytgagg	840
	298	cccagagagg	ggcaaccayt	ggccaagggt	caccagcaa	gttttgyta	agagcctggc	900
	299	ctccagcccc	agca	gtktgg	cccagagcag	ggccgatgt	ccaaagtaac	960
	300	atggggcgt	tggtgatgt	ggccggaa	gcagaaagag	gcagcatgg	cactgcccgg	1020
	301	gacagccaca	tcctgctgt	ctgcagcgt	gtccaccccg	cctctgccc	gcctgtctac	1080
	302	accgtgt	ctgatctc	acttgcttcc	cacccctt	ctctgtcctc	tcctgagg	1140
	303	ctgcctgcag	ccccaggag	gtggccgtc	cccatcttag	ctggactcat	ggttcctaaa	1200
	304	taaccacgt	cagaagct	gtctggactt	accccagcca	ctgagtg	ggcgcata	1260
	305	atttgtggc	gttctgtat	ctagtg	ggcac	acagtgc	tataactgg	1320
	306	scaccaaaaa	aaaaaaaaaa	aaaaaaaaac				1348

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
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Input Set : A:\PZ003p2seqlist05112001.txt
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L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
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L:676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
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L:2596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:2656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:2659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:2850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/852,797

DATE: 05/31/2001

TIME: 15:16:18

Input Set : A:\PZ003p2seqlist05112001.txt
Output Set: C:\CRF3\05312001\I852797.raw

L:2865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:3105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:3108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:3209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:3224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:3242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:3423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:3826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:3924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:3930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:3933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:3957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:4183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:4189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:4192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118